C O N V A I R
A Division of General Dynamics Corporation
(San Diego)

DESIGN INFORMATION BULLETIN

CONVAIR REPORT NO. ZM-22-005

MODEL 22 AIRPLANE

NO: 25.004

PAGE: 1 of 3

DATE: 9-10-57

EXTERIOR LIGHTING

The exterior lighting configuration to be used on the Model 22 airplane
is outlined below and shown on accompanying sketch.

1. Landing Lights

    a. Retractable: 2 lights, one each located in the wing
        lower surface approximately 9.5 inches aft of the
        rear spar at trailing edge wing sta. 744.
    b. Auxiliary: 2 lights, one each located in the wing lead-
        ing edge at approximately wing sta. 80.5.

2. Position Lights

    a. Wing: 2 lights, one located in the leading edge of
        each wing tip.
    b. Rearward: Located on the aft tip of the fuselage.

3. Anti-Collision Lights

    a. Upper: located on the fuselage along B.L.0 between
        beltframe sta's. 546 and 565.
    b. Lower: located on the fuselage along B.L. 6.90
        (L.H. side) between beltframe sta's. 1057 and 1078.

4. Signal Lights

    The auxiliary landing lights serve as signal lights.

#5. Wing Illumination Lights

    2 lights, one located in each side of fuselage at approx-
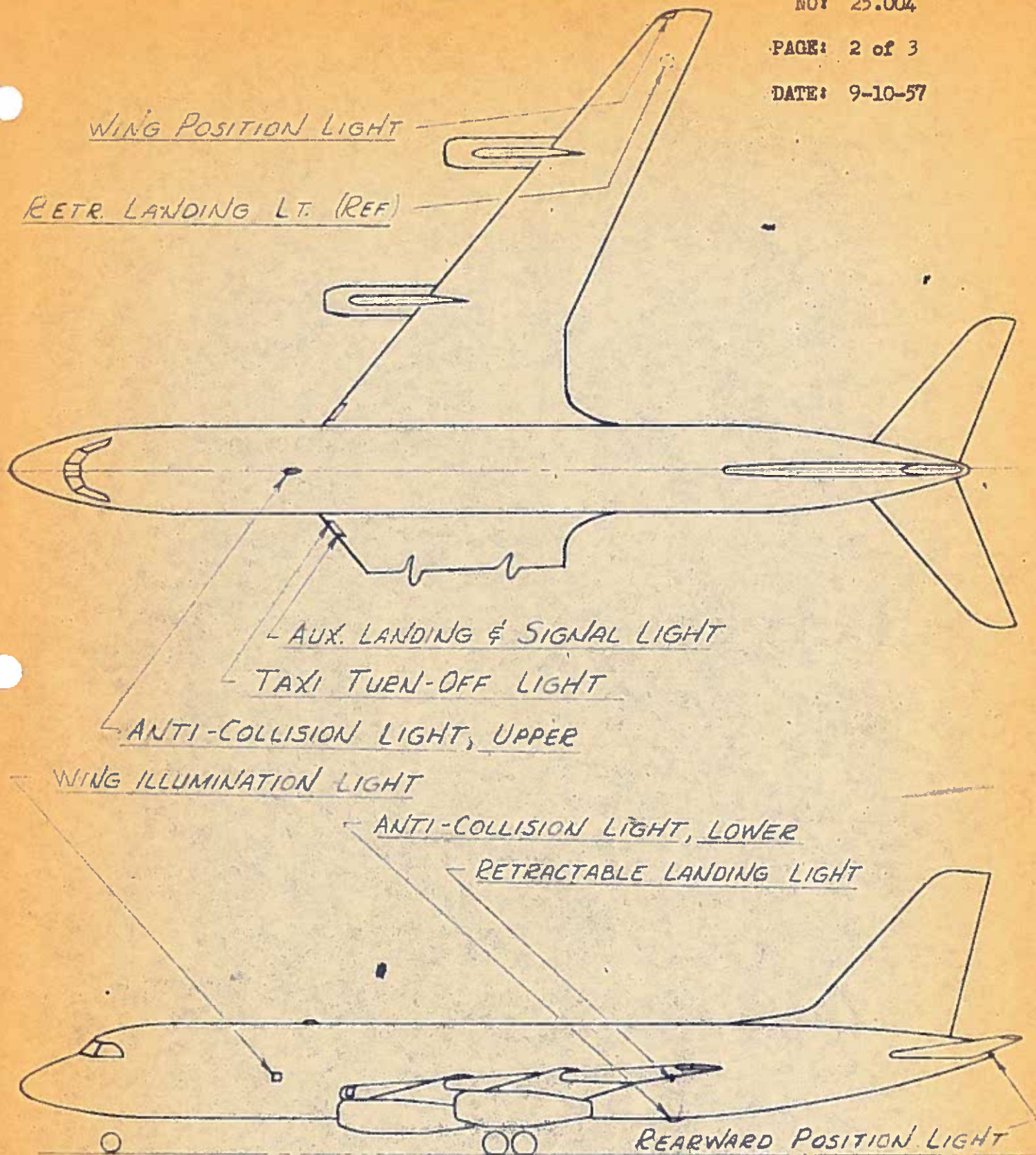   imately W.L. 65 between beltframe sta's. 508 and 527.

#6. Taxi Turn-Off Lights (TWA only)

    2 lights, one each located in the wing leading edge,
    adjacent to and inboard of the auxiliary landing lights.

These lights are not included in the basic airplane configuration.

All exterior lights are in conformance with C.A.R. .04b, Rev. 6.

WING POSITION LIGHT

RETR. LANDING LT. (REF)

AUX. LANDING & SIGNAL LIGHT

TAXI TURN-OFF LIGHT

ANTI-COLLISION LIGHT, UPPER

WING ILLUMINATION LIGHT

ANTI-COLLISION LIGHT, LOWER

RETRACTABLE LANDING LIGHT

REARWARD POSITION LIGHT

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